

## Ordering information

AG	C	4	P	GR	DS	2	28	UNV	PG	
Family	Type	Luminaire Length	Mounting	Housing Finish	Wiring	Lamp Qty in a cross section	Lamp	Voltage	Ballast	Options
AG: Agili-T	C: Agili-T Neo with Parabolic Louver	4: 4' 8: 8'	P: Pendant	GR: Titanium WH: White	DS: Double-circuit DN: Double-circuit Network- Ready	1: 1 lamp 2: 2 lamps	28: 28W T5 54: 54W T5HO	120: 120V 277: 277V 347: 347V UNV: Universal Voltage 120/277V	DW: iGEN DALI Addressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5/T5HO (UNV only) PG: Electronic Program Start T5/T5HO	

Note : Luminaire comes without end-caps

## Features

- 88.3% efficient (71% up / 29% down) using T5 lamp technology (1xF28T5).
- Ultra-Light construction (4' luminaire less than 12 lb / 5.5 kg) favors mobility adds installation and remodeling convenience.
- Wide indirect distribution for uniform ceiling luminance.
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism (patent pending) providing continuous trouble-free, simultaneous mechanical and electrical connections (plus network connections on Agili-T Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Agili-T Network).

## Construction

- One-piece aluminum extrusion
- Highly resistant composite plastic end -cap
- Parabolic louver made of matte aluminum
- Unique contoured louver design with integral light stop

## Electrical

- AGC with PG ballast code comes with one 2-lamp ballast per 4' of luminaire.
- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- Integrated quick connectors for power and network cable (Agili-T Network only) and auto plug-in connections between luminaires.
- 18-gauge wire, maximum 10A per circuit.

## Mounting

- Suspension points on module: every 4' (4' luminaire) or every 8' (8' luminaire.)
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see last page).

## Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or titanium) high resistant powder-based coating.

## Options and accessories

- Emergency circuiting

## Labels



\*\* If electrical junction box is needed to connect emergency wiring, order AGEb, AGES or AGEo.

\*\*\* 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.

- ▼ For maximum flexibility, DS & DN wiring options include continuous 2-circuit wiring: one circuit for upper compartment, one circuit for lower compartment (single and double compartment luminaires can be mixed).

## Special Power Feed Wiring

Luminaires with single-feed or group-feed wiring do not come with suspension kits. As they are normally installed within a row, simply order the usual number of power feed suspension kits and standard suspension kits for your configuration. For more information, consult your Lightolier representative.

## Single-feed Wiring

1. Choose Agili-T luminaire. 2. Choose Power Feed Suspension Kit - One Kit per row at row extremity. 3. Choose Suspension Kit - One Kit per luminaire in the row. 4. Choose Agili-T luminaire with Single-feed Wiring (for emergency lighting in row or at row extremity). 5. If continuing row, choose Agili-T luminaire with Group-feed Wiring to start new circuit within row. 6. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

## Group-feed Wiring

1. Choose Agili-T luminaire. 2. Choose Power Feed Suspension Kit - One Kit per row at row extremity. 3. Choose Suspension Kit - One Kit per luminaire in the row. 4. Choose Agili-T luminaire with Group-feed Wiring (for new circuit within row). 5. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

## Ordering Guide

### Single-feed wiring

Use wiring suffix **DI**.

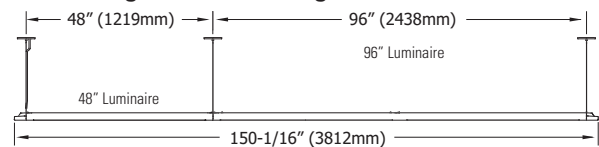
E.g. AGC4PGRDI228UNVPG

### Group-feed wiring

Use wiring suffix **DG**.

E.g. AGC4PGRDG228UNVPG

## Fixture lengths & mounting locations



Pendant measure exactly 48" or 96" (plus end-caps) to facilitate installation.

## Job Information

Type:

Job Name:

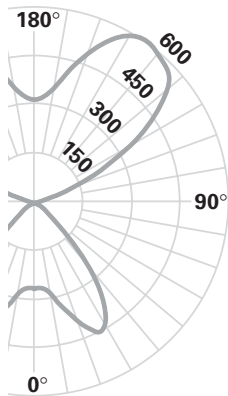
Cat. No.:

Lamp(s):

Notes:

## Performance

### CANDLEPOWER CURVE



REPORT NO: LSCA772  
CAT. NO: AGC4PGRDS128120PG  
1 x 28W T5 at 2610 lumens. Efficiency: 88.3%  
Indirect Maximum candela: 597 cd  
Indirect Peak: 147.5°  
Candela at Nadir: 268 cd

### CANDLEPOWER

ZONE DEG	0	22.5	45	67.5	90
0	268	268	268	268	268
5	267	264	269	272	268
15	251	252	287	323	335
25	221	244	326	412	444
35	186	239	345	358	353
45	136	208	221	142	110
55	70	103	64	38	39
65	16	17	13	10	10
75	1	0	1	0	0
85	0	0	0	0	0
90	0	0	0	0	0
95	7	11	3	0	0
105	54	152	105	86	77
115	105	265	297	236	215
125	157	322	442	453	441
135	205	335	500	558	575
145	244	331	497	583	586
155	274	316	431	521	544
165	299	309	355	406	419
175	310	308	316	323	320
180	310	310	310	310	310

### COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD \* EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	80				70				50			
	Wall Reflectance				Wall Reflectance				Wall Reflectance			
	70	50	30	10	70	50	30	10	50	30	10	10
0	.90	.90	.90	.90	.81	.81	.81	.81	.63	.63	.63	
1	.83	.80	.77	.74	.74	.72	.69	.66	.56	.55	.53	
2	.76	.70	.66	.62	.68	.63	.59	.56	.50	.48	.45	
3	.70	.63	.57	.53	.63	.57	.52	.48	.45	.42	.39	
4	.64	.56	.50	.45	.58	.51	.45	.41	.41	.37	.34	
5	.59	.49	.44	.39	.53	.45	.40	.36	.37	.33	.30	
6	.55	.45	.38	.34	.49	.41	.35	.31	.33	.29	.26	
7	.50	.40	.34	.29	.45	.37	.31	.27	.30	.26	.23	
8	.46	.36	.30	.26	.42	.33	.28	.24	.27	.23	.20	
9	.43	.33	.27	.22	.39	.30	.24	.21	.24	.20	.17	
0	.40	.30	.24	.20	.36	.27	.22	.18	.22	.18	.15	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
LUMINAIRE INPUT WATTS = 33.6

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	259	9.95	11.27
0-40	444	17.04	19.30
0-60	639	24.49	27.74
0-90	655	25.11	28.43
40-90	210	8.06	9.13
60-90	16	.61	.69
90-180	1649	63.20	71.57
0-180	2304	88.31	100

## Agili-T Accessories

### Power Feed Suspension Kit

AG	EN	24	G	G	120	DS
Family	Type Length	Suspension Color	End-cap Stem Color	Canopy / Stem Color	Voltage	Wiring
AG: Agili-T	EN: Neo End caps (2) LevelLyte cable, canopy, joiner mechanism EP: Neo End caps (2) Inverted Y cable, canopy, joiner mechanism EQ: Neo End caps (2) Stem suspension, canopy, joiner mechanism	*18: 18" Stem or cable *24: 24" Stem or cable *36: 36" Stem or cable	G: Titanium W: White	G: Titanium W: White	347: 347V UNV: 120/277V	DS: Double circuit DN: Double-circuit Network (Cable option only) **SS: Single Circuit (Stem option only)

### Suspension Kit

AG	AV	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy / Stem Color
AG: Agili-T	AV: Neo and Coplanar System LevelLyte canopy and joiner mechanism AY: Neo and Coplanar System Inverted Y canopy and joiner mechanism AZ: Neo and Coplanar Stem System canopy and joiner mechanism	*18: 18" Stem *24: 24" Stem or cable *36: 36" Stem or cable	X: N/A	G: Titanium W: White

### Ordering instructions

1. Choose Agili-T luminaire.
2. Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
3. Choose Suspension kit. One per luminaire.
4. Choose Mounting Elements. One per Suspension Kit.
5. Choose Mounting Elements with Junction Box. One per Power Feed Suspension Kit as needed.

General note :

\* All stems are field cuttable.

\*\* Consult factory for specialized circuit options utilizing stem suspensions.

### Mounting Elements (T-bar Clip Patent # 6,637,710)

AGTB	One-piece T-bar wraparound clip for standard T or narrow T
AGSB	One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability)
AGOG	Off-grid holding bar
AGES†	One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability)
AGEO†	Off-grid holding bar with integrated easy-access Lightolier electrical box